

International Application No

PCT/IB 03/05322

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/24 G11B7/26 G11B7/0037 G11B7/0045 G11B7/006

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 09, 13 October 2000 (2000-10-13) -& JP 2000 173107 A (TOSHIBA CORP), 23 June 2000 (2000-06-23) abstract	1,8
Y	US 2001/012257 A1 (YOSHIZAWA TAKASHI ET AL) 9 August 2001 (2001-08-09) paragraph '0012!; figure 1	1,8
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 08, 29 August 1997 (1997-08-29) -& JP 09 106546 A (NEC CORP), 22 April 1997 (1997-04-22) abstract	1,8



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

A document member of the same patent family

Date of the actual completion of the international search

20 February 2004

Date of mailing of the international search report

03/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 12, 29 October 1999 (1999-10-29) -& JP 11 195243 A (SONY CORP), 21 July 1999 (1999-07-21) abstract ---	1,8
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 11, 3 January 2001 (2001-01-03) -& JP 2000 215445 A (HITACHI MAXELL LTD), 4 August 2000 (2000-08-04) abstract -----	1,8

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US 2001012257 A1	09-08-2001	WO 0116947 A1	08-03-2001
JP 09106546 7 A		NONE	
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